

Amendments to the Specification:

Please replace the title with the following title:

ROAD ANTENNA APPARATUS FOR ESTABLISHING RADIO
COMMUNICATION WITH A VEHICLE

Please amend the previously inserted paragraph which was inserted at page 1 line 2, as follows: **6,657,554**

This patent application is a divisional patent application of U.S. Patent ~~Application Serial No. 09/603,248~~ Number 6,657,554 filed on June 26, 2000.

Please amend the paragraph beginning at line 25 on page 37 as follows:

The receiving section 302 is disposed at an arbitrary location in the lane [[3]]63 shown in FIG. 35 and performs a receiving operation. In FIG. 10, a high-frequency signal received by the antenna 321 is converted into an intermediate frequency by means of the frequency conversion means 322, and the intermediate frequency is demodulated into an ASK (amplitude shift keying) signal by the ASK demodulation section 323. The thus-demodulated signal is converted into digital data by the demodulator 324a of the decode section 324. Simultaneously, the receiving rate determination means 324b determines, on a per-frame basis, whether or not the received signal is correct transmission data.

Please amend the paragraph at line 11 on page 30 as follows:

In the present embodiment, at the time of installation of the road antenna 104, a laser-beam receiving device 115 is situated at the predetermined shot position 114 ~~113~~ on the road R for receiving the laser beam emitted from the laser-beam emitting device 111. The laser-beam receiving

device 115 is connected to the controller 112. In other respects, the road antenna according to the present embodiment is identical in structure with that employed in the first embodiment.

Please amend the paragraph at line 14 on page 50 as follows:

More specifically, a warning signal ~~580~~ is sent to the transmission section 517 ~~537~~ of the on-vehicle radio device 502 mounted in the vehicle 501, wherewith the on-vehicle radio device 502 issues a warning message, to thereby urge a driver to reduce the travel speed.